

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 43   | relay same directional same zero-phase same voltage same current   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/04/28 16:43 |
| L2    | 408  | 361/85.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/04/28 16:44 |
| L3    | 673  | 361/80.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/04/28 16:47 |
| L4    | 116  | 361/81.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/04/28 17:54 |
| L5    | 2    | ("6498709").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/04/28 16:49 |
| L6    | 5    | ("4371908"   "4507700"   "4785249"   "4864453").PN. OR ("6498709").URPN.                                 | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/04/28 16:55 |
| L7    | 1    | (directional and ground and relay and zero-phase and current and voltage and sequential and fault). clm. | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/04/28 17:54 |
| L8    | 6    | (("6873508") or ("6989977") or ("6937453")).PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/04/28 17:02 |

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|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| L9  | 14  | ("3732464"   "4308565"   "4321681"   "4327392"   "4453191"   "4591992"   "4686601"   "4825327"   "4896241"   "5349490"   "5808845"   "5946174"   "6369996"   "6459960").PN. OR ("6873508").URPN. | US-PGPUB; USPAT; USOCR                             | OR | ON | 2006/04/28 17:02 |
| L10 | 6   | ("4536815"   "4559491").PN. OR ("5946174").URPN.   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2006/04/28 17:06 |
| L11 | 7   | ("4450497"   "4774621"   "4896241"   "5365396"   "5796630"   "5956220"   "6584417").PN. OR ("6989977").URPN.   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2006/04/28 17:08 |
| L12 | 430 | 361/76.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/28 17:54 |
| L13 | 1   | (directional and ground and relay and zero-phase and current and voltage and sequential and fault).clm.  | US-PGPUB   | OR | ON | 2006/04/28 17:54 |